



Glenn Grieb  
Plant Manager  
VEOLIA WATER NORTH AMERICA

KinBuc Landfill Treatment Plant  
383 Meadow Road  
Edison, NJ 08817  
www.veoliawatema.com

May 10<sup>th</sup>, 2005

Ms. Grissel V. Diaz-Cotto  
Emergency and Remedial Response Division  
United States Environmental Protection Agency  
Region II  
290 Broadway, 19<sup>th</sup> Floor  
New York, NY 10007-1866

Re: April 2005 Discharge Monitoring Report  
Leachate Treatment Plant, Operable Unit 1  
Kin-Buc Landfill Superfund Site

Dear Ms. Diaz-Cotto:

The April 2005 Discharge Monitoring Report (DMR) for the Leachate Treatment Plant of Operable Unit 1, Kin-Buc Landfill Superfund Site, prepared by Veolia Water Operating Services is attached.

Should you have any questions concerning the DMR or other site items, please contact me at your earliest convenience at the Kin-Buc site.

Very truly yours,  
Veolia Water Operating Services  
On behalf of SCA Services, Inc.,

Glenn Grieb  
Plant Manager

Enclosure

cc: Martha Goodwin – NJDEP  
Stephen Joyce – SCA Holding  
Carl Januszkiewicz – Waste Management  
Richard Hoyt – Veolia Water OS



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER QUALITY

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.  

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 \*NJ Permit Equivalent

REPORTING PERIOD  

M	o.	Y	r.
0	4	0	5

M	o.	Y	r.
0	4	0	5

PERMITTEE:      Name:      SCA Services, Inc.  
                          Address:      383 Meadow Road  
                                               Edison, New Jersey 08817

FACILITY:      Name:      Kin-Buc Landfill  
                          Address:      383 Meadow Road  
                                               Edison, New Jersey 08817  
                          Telephone:      732-572-4743

FORMS ATTACHED (Indicate Quantity of Each)

Operating Exceptions

SLUDGE REPORT-SANITARY  
 \_\_\_ T-VWX-007 \_\_\_ T-VWX-008 \_\_\_ T-VWX-009  
 \_\_\_ EPA Form 3320-1

SLUDGE REPORT-INDUSTRIAL  
 \_\_\_ T-VWX-010A \_\_\_ T-VWX-010B

WASTEWATER REPORTS  
 \_\_\_ T-VWX-011 \_\_\_ T-VWX-012 \_\_\_ T-VWX-013

GROUNDWATER REPORTS  
 \_\_\_ T-VWX-015(A,B) \_\_\_ T-VWX-016 \_\_\_ T-VWX-017  
 \_\_\_ ELECTRONIC SUBMISSION

	YES	NO
DYE TESTING	___	<u>X</u>
TEMPORARY BYPASSING	___	<u>X</u>
DISINFECTION INTERRUPTION	___	<u>X</u>
MONITORING MALFUNCTIONS	___	<u>X</u>
UNITS OF OPERATION	___	<u>X</u>
OTHER	___	<u>X</u>

NPDES DISCHARGE MONITORING  
1 EPA Form 3320-1

(Detail any "Yes" on reverse side in appropriate space.)

NOTE: The "Hours Attended at Plant" on the reverse of this sheet must also be completed.

AUTHENTICATION I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER OR  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed)      Glenn Grieb  
 Grade & Registry No.      N-4 ; 0021322  
 Signature      *Glenn Grieb*

Name (Printed)      Glenn Grieb  
 Title (Printed)      Plant Operations Manager  
 Signature      *Glenn Grieb*

May 10th, 2005

Date May 10th, 2005

## OPERATING EXCEPTIONS DETAILED

[illegible]HOURS ATTENDED AT PLANT

MONTH

0	4
---	---

YEAR

0	5
---	---

**Day of Month**

**Licensed Operator**

**Others**

**Day of Month**

**Licensed Operator**

**Others**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
0	8	5	5	0	8	8	8	0	4	0	12	11	11	4	8
0	6	4	8	8	8	8	8	8	2	8	12	8	8	18	8
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
3	8	8	8	8	8	0	4	8	8	8	8	8	0	0	
6	8	8	8	8	8	0	0	8	8	8	8	8	16	6	

PERMITTEE NAME/ADDRESS

NAME

ADDRESS

SCA SERVICES, INC.  
383 MEADOW ROAD  
EDISON, NEW JERSEY 08817

FACILITY

LOCATION

KIN-BUC LANDFILL  
EDISON, NEW JERSEY  
CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT  
PERMIT NUMBER

001  
DISCHARGE NUMBER

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
05	04	01	05	04	30

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW	SAMPLE MEASUREMENT	0.021925	0.031452	MGD	*****	*****	*****	***	***	continuous	flow meter
	PERMIT REQUIREMENT	REPORT	ONLY		*****	*****	*****			continuous	flow meter
pH	SAMPLE MEASUREMENT	*****	*****	***	7.78	*****	7.97	S.U.	0	1/week	grab
	PERMIT REQUIREMENT	*****	*****		6.0	*****	9.0			weekly	grab
PETROLEUM HYDROCARBONS	SAMPLE MEASUREMENT	*****	*****	***	*****	<1.000	<1.000	mg/l	0	2/month	grab
	PERMIT REQUIREMENT	*****	*****		*****	10	15			2/month	grab
COD	SAMPLE MEASUREMENT	8.63	17.24	kg/day	*****	152	154	mg/l	0	2/month	comp.
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT	ONLY			2/month	comp.
BOD	SAMPLE MEASUREMENT	*****	*****	***	*****	<5.00	<5.00	mg/l	0	2/month	comp.
	PERMIT REQUIREMENT	*****	*****		*****	56	220			2/month	comp.
TOTAL SUSPENDED SOLIDS	SAMPLE MEASUREMENT	0.26	0.41	kg/day	*****	3.20	4.80	mg/l	0	1/week	comp.
	PERMIT REQUIREMENT	REPORT	ONLY		*****	30	45(1)			weekly	comp.
DISSOLVED OXYGEN	SAMPLE MEASUREMENT	*****	*****	***	8.91	*****	*****	mg/l	0	1/week	grab
	PERMIT REQUIREMENT	*****	*****		4.0 MIN. Instantaneous	*****	*****			weekly	grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that I have personally examined and I am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)					TELEPHONE		DATE		
Glenn Grieb Project Manager							732 572-4743		05 05 10		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR MO DAY		
COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS		(REFERENCE ALL ATTACHMENTS HERE)									

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383 MEADOW ROAD  
EDISON, NEW JERSEY 08817

FACILITY  
LOCATION  
ATTN:

KIN-BUC LANDFILL  
EDISON, NEW JERSEY  
CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT			001		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BENZENE	SAMPLE MEASUREMENT	<0.0000168	<0.0000236	kg/day	*****	0.30	0.30	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.008	0.02		*****	57	134			2/month	grab
CHLOROBENZENE	SAMPLE MEASUREMENT	<0.0000168	<0.0000236	kg/day	*****	0.3	0.3	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.022	0.056		*****	142	380			2/month	grab
1,1 DICHLOROETHENE	SAMPLE MEASUREMENT	<0.0000224	<0.0000315	kg/day	*****	0.4	0.4	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.003	0.009		*****	22	56			2/month	grab
ETHYLBENZENE	SAMPLE MEASUREMENT	<0.0001755	<0.0003274	kg/day	*****	5.1	9.9	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.022	0.056		*****	142	380			2/month	grab
TETRACHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000224	<0.0000315	kg/day	*****	<0.40	<0.40	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.008	0.025		*****	52	164			2/month	grab
TOLUENE	SAMPLE MEASUREMENT	0.0000168	0.0000236	kg/day	*****	0.3	0.3	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.004	0.011		*****	26	74			2/month	grab
1,2-TRANSDICHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000168	<0.0000236	kg/day	*****	<0.30	<0.30	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.004	0.009		*****	25	60			2/month	grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that I have personally examined and I am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)				TELEPHONE		DATE			
Glenn Grieb Project Manager						732 572-4743		05 05 10			
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EDISON, NEW JERSEY 08817FACILITY  
LOCATION  
ATTN:KIN-BUC LANDFILL  
EDISON, NEW JERSEY  
CARL JANUSZKIEWICZNATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT

PERMIT NUMBER

001

DISCHARGE NUMBER

## MONITORING PERIOD

YEAR MO DAY

05 04 01

TO

YEAR MO DAY

05 04 30

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TRICHLOROETHYLENE	SAMPLE MEASUREMENT	<0.0000224	<0.0000315	kg/day	*****	<0.40	<0.40	ug/L	0	2/month	grab
	PERMIT REQUIREMENT	0.004	0.010		*****	28	89				
VINYL CHLORIDE	SAMPLE MEASUREMENT	<0.0000311	<0.0000456	kg/day	*****	<0.40	<0.40	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	0.008	0.016		*****	52.8	106				
ACENAPHTHYLENE	SAMPLE MEASUREMENT	<0.0000044	<0.0000061	kg/day	*****	<0.080	<0.083	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43				
BENZO(A)ANTHRACENE	SAMPLE MEASUREMENT	<0.0000056	<0.0000078	kg/day	*****	<0.10	<0.10	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43				
BENZO(A)PYRENE	SAMPLE MEASUREMENT	<0.0000044	<0.0000061	kg/day	*****	<0.080	<0.083	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43				
BENZO(ghi)PERYLENE	SAMPLE MEASUREMENT	<0.0000044	<0.0000061	kg/day	*****	<0.080	<0.080	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43				
BENZO(k)FLUORANTHENE	SAMPLE MEASUREMENT	<0.0000038	<0.0000052	kg/day	*****	<0.07	<0.07	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that I have personally examined and I am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE		DATE		
Glenn Grieb Project Manager							732 572-4743		05 05 10		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE NUMBER		YEAR MO DAY		

COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

(REFERENCE ALL ATTACHMENTS HERE)

&lt;0.00017

PERMITTEE NAME/ADDRESS

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SCA SERVICES, INC.  
383 MEADOW ROAD  
EDISON, NEW JERSEY 08817

FACILITY


LOCATION

ATTN:

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CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

NJ PERMIT EQUIVALENT			001			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
05	04	01		05	04	30

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
IDENO(1,2,3cd) PYRENE	SAMPLE MEASUREMENT	<0.0000056	<0.0000078	kg/day	*****	0.10	0.10	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.00026	0.00052		*****	1.72	3.43			monthly	grab
PHENANTHRENE	SAMPLE MEASUREMENT	<0.0000078	<0.0000114	kg/day	*****	<0.10	<0.10	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	5.4(2)			weekly	grab
ALDRIN	SAMPLE MEASUREMENT	<0.0000006	<0.0000008	kg/day	*****	<0.01	<0.01	ug/L	0	1/month	grab
	PERMIT REQUIREMENT	0.000133	0.00026		*****	0.0875	0.176			monthly	grab
4,4-DDT	SAMPLE MEASUREMENT	<0.0000008	<0.0000011	kg/day	*****	<0.01	<0.01	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	0.0000578	0.000146		*****	0.38	0.765			weekly	grab
PCB-1242	SAMPLE MEASUREMENT	<0.0000156	<0.0000228	kg/day	*****	<0.20	<0.20	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	0.5(2)			weekly	grab
PCB-1248	SAMPLE MEASUREMENT	<0.0000205	<0.0000257	kg/day	*****	0.28	<0.30	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	0.5(2)			weekly	grab
PCB-1254	SAMPLE MEASUREMENT	<0.0000156	<0.0000228	kg/day	*****	<0.20	<0.20	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	0.5(2)			weekly	grab
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that I have personally examined and I am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
Glenn Grieb Project Manager								732 572-4743		05 05 10	
TYPED OR PRINTED						AREA CODE		NUMBER		YEAR MO DAY	

COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

(REFERENCE ALL ATTACHMENTS HERE)

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CARL JANUSZKIEWICZ

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

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YEAR	MO	DAY	TO	YEAR	MO	DAY
05	04	01		05	04	30

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PCB-1260	SAMPLE MEASUREMENT	<0.0000205	<0.0000257	kg/day	*****	0.28	<0.30	ug/L	0	1/week	grab
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	0.5(2)			weekly	grab
ARSENIC	SAMPLE MEASUREMENT	0.0003390	0.0006040	kg/day	*****	4.40	5.30	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.013	0.026		*****	85.8	172			weekly	comp
CADMIUM	SAMPLE MEASUREMENT	<0.0000311	<0.0000456	kg/day	*****	<0.40	<0.40	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.0073	0.017		*****	49.2	112			weekly	comp
CHROMIUM	SAMPLE MEASUREMENT	0.0002323	0.0003761	kg/day	*****	2.93	3.30	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.030	0.060		*****	198	396			weekly	comp
COPPER	SAMPLE MEASUREMENT	0.0002585	0.0004216	kg/day	*****	3.3	3.7	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	10			weekly	comp
LEAD	SAMPLE MEASUREMENT	0.0001012	0.0001481	kg/day	*****	1.30	1.30	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	REPORT	ONLY		*****	REPORT ONLY	10			weekly	comp
NICKEL	SAMPLE MEASUREMENT	0.0018900	0.00245	kg/day	*****	25.0	27.2	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.140	0.281		*****	324	1850			weekly	comp
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of law that I have personally examined and I am familiar with the information submitted herein, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. See 18 U.S.C. 1001 & 33 U.S.C. 1318. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years)				 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
Glenn Grieb Project Manager								732 572-4743		05 05 10	
TYPED OR PRINTED						AREA CODE		NUMBER		YEAR MO DAY	

COMMENTS AND EXPLANATIONS OF ANY VIOLATIONS

(REFERENCE ALL ATTACHMENTS HERE)



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EDISON, NEW JERSEY 08817

FACILITY  
LOCATION

ATTN:

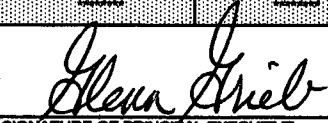
KIN-BUC LANDFILL  
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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ZINC	SAMPLE MEASUREMENT	0.0014571	0.0028261	kg/day	*****	18.1	24.8	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.177	0.356		*****	1170	2356			weekly	comp
CYANIDE	SAMPLE MEASUREMENT	<0.0007786	<0.0011396	kg/day	*****	10.0	10.0	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	0.002	0.004		*****	13.2	25.4			weekly	comp
ALUMINUM	SAMPLE MEASUREMENT	<0.0056048	<0.0071338	kg/day	*****	73.7	77.4	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	1.40	2.81		*****	3240	18500			weekly	comp
IRON	SAMPLE MEASUREMENT	0.0030768	0.0044670	kg/day	*****	39.6	39.7	ug/L	0	1/week	comp
	PERMIT REQUIREMENT	80.6	162		*****	532000	1070000			weekly	comp
ACUTE TOXICITY, (LC50)	SAMPLE MEASUREMENT	QUARTELY	REPORT	***	n/a	*****	*****	%	0		
	PERMIT REQUIREMENT	*****	*****		50(S)	*****	*****			see permit	equivalent
Ammonia	SAMPLE MEASUREMENT	*****	*****	***	*****	0.10	0.10	mg/l	0	*****	*****
	PERMIT REQUIREMENT	*****	*****		*****	4.8	16.0			2/years	comp
	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	*****	***	***	*****	*****
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			*****	*****
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TYPED OR PRINTED						AREA CODE		NUMBER		YEAR MO DAY	
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